

## Q8 Formula Truck 8810 FE 5W-30

Synthetic UHPD engine oil for ACEA E4/E6/E8/E7/E9/E11 2022

### Description

The Q8 Formula Truck 8810 FE 5W-30 is a superior ultra high performance low SAPS heavy-duty engine oil. This product offers exceptional protection against engine wear, specifically against cam wear, and provides fuel economy improvements up to 1% or more. It meets ACEA E8 & E11 specifications along with specifications of various leading European OEM's such as Mercedes-Benz, MAN, Scania and Volvo.

### Applications

Q8 Formula Truck 8810 FE 5W-30 is developed for heavy-duty vehicles requiring the ACEA E4/E6/E8/E7/E9/E11 and API CK-4 specifications. It can be used in most Euro IV, Euro V and Euro VI diesel engines equipped with after treatment systems and operating on low sulphur diesel fuel. It exceeds the requirements of more than 90% of the heavy-duty fleet such as IVECO, Scania, MAN, Mercedes-Benz, Cummins, Volvo, MTU, Caterpillar or Tatra Trucks. Q8 Formula Truck 8810 FE 5W-30 may be used where Volvo VDS-5 is prescribed though change interval must be adjusted accordingly and no VDS-5 fuel economy benefits are available.

### Benefits

- Superior protection against engine wear.
- Fuel economy improvement up to 1%.
- Superior bio-fuel compatibility.
- Superior catalytic after treatment system (SCR) protection.
- Best-in-class engine cleanliness.

### Specifications, recommendations and approvals

ACEA	E11	Liebherr	LH-00-ENG LA
ACEA	E4	Liebherr	LH-00-ENG5C LA
ACEA	E6	MAN	M 3271-1
ACEA	E7	MAN	M 3477
ACEA	E8	MAN	M 3575
ACEA	E9	MAN	<b>M 3677</b>
API	CJ-4	MAN	<b>M 3775</b>
API	CK-4	MAN	<b>M 3777</b>
Caterpillar	ECF-3	MB	<b>228.31</b>
Cummins	CES 20081	MB	<b>228.51</b>
Cummins	CES 20086	MB	<b>228.52</b>
DAF	Extended Drain	MTU	Type 3.1 *
DAF	PSQL 2.1E LD	Mack	EO-O Premium Plus
Detroit Diesel	DFS 93K218	Mack	<b>EO-S 4.5</b>
Detroit Diesel	DFS 93K222	Renault	RGD
Deutz	<b>DQC IV-18 LA</b>	Renault	<b>RLD-3</b>
Ford	M2C213-A1	Scania	LA (Low Ash)
Iveco	18-1804 TLS E6	Scania	<b>LDF-4</b>
Iveco	18-1804 TLS E9	Tatra	TDS 30/12
JASO	DH-1	Volvo	CNG
JASO	DH-2	Volvo	VDS-4
JASO	DL-0	Volvo	<b>VDS-4.5</b>

Color code blue = officially approved

\* Pending approval

## Properties

	Method	Unit	Typical
Density, 20 °C	D 4052	g/ml	0.856
Density, 15 °C	D 4052	g/ml	0,861
Viscosity Grade	-	-	SAE 5W-30
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	72.5
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	12.2
Viscosity Index	D 2270	-	167
Total Base Number	D 2896	mg KOH/g	13
Pour Point	D 97	°C	-42
Flash Point, P-M	D 93	°C	221
Sulfated Ash	D 874	% mass	1.0
Borderline Pumping Temperature	D 3829	°C	-39

The figures above are not a specification. They are typical figures obtained within production tolerances.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Formula Truck 8810 FE 5W-30 is **1.49** kg CO<sub>2</sub>eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

For more info check here

